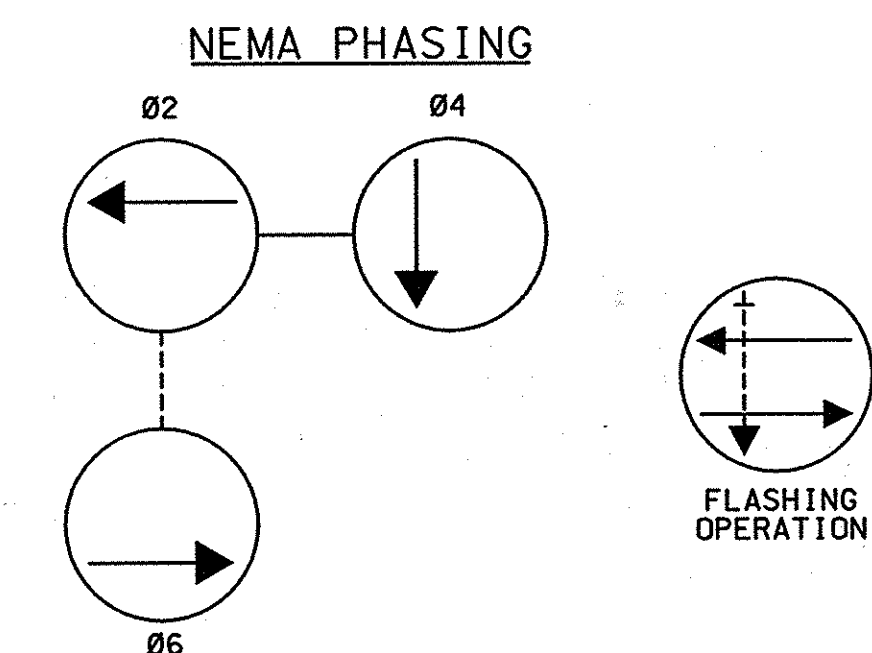
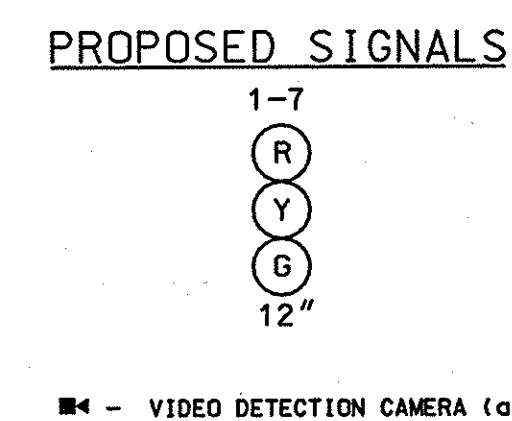
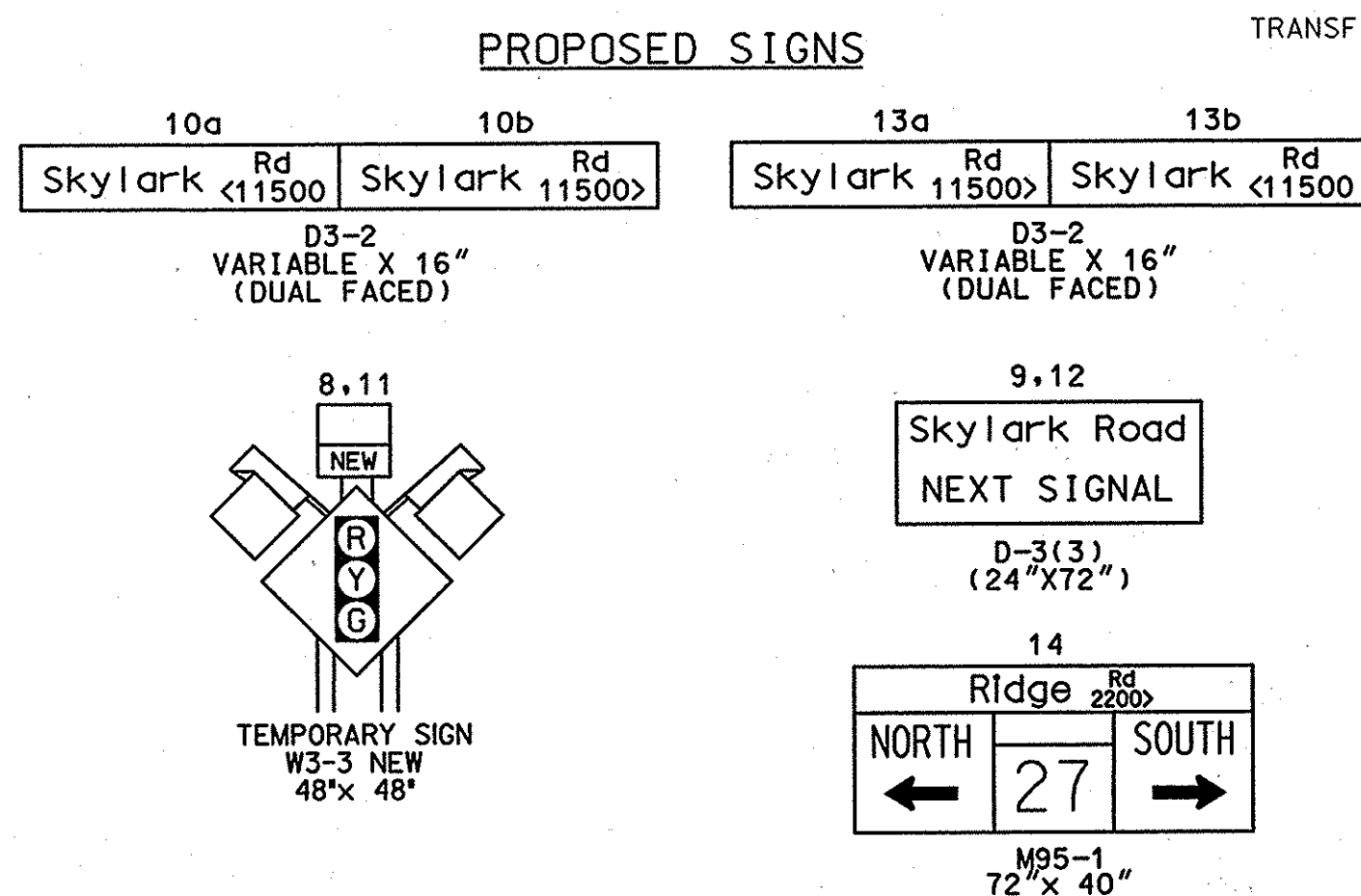
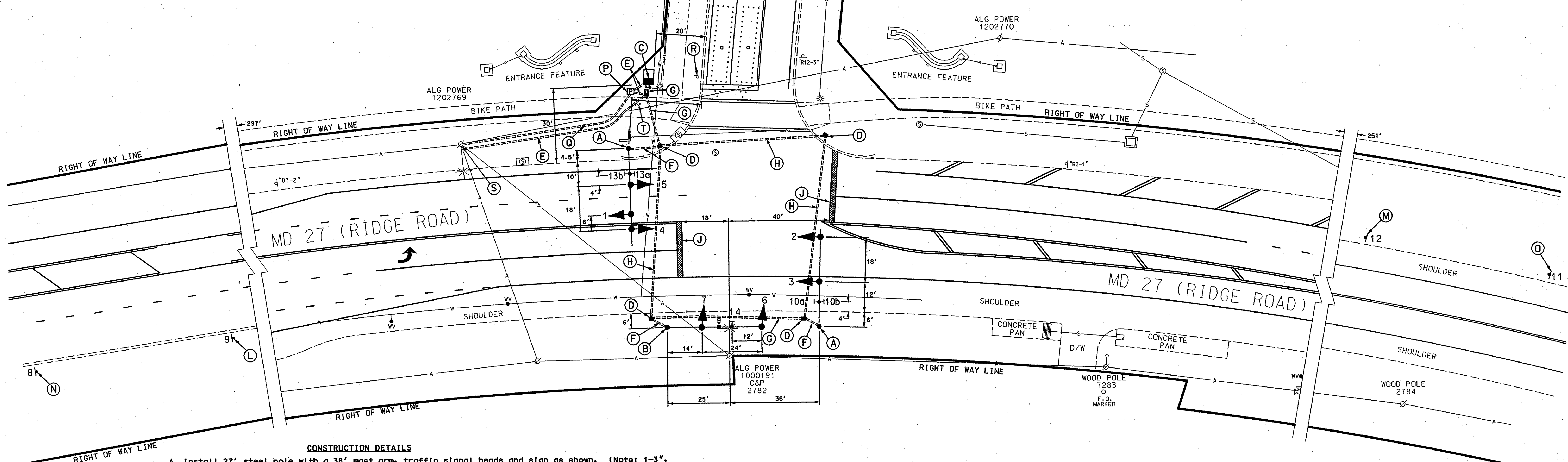


NOTE: MD 27 IS CONSIDERED TO  
RUN IN A NORTH-SOUTH DIRECTION.



**PHASING NOTES:**

- 1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
- 2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

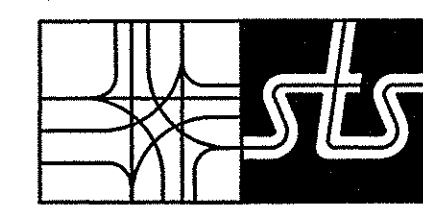


## CONSTRUCTION DETAILS





- A. Install 21' steel pole with a 38' mast arm, traffic signal heads and sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
- B. Install 21' steel pole with a 38' mast arm, traffic signal heads, video detection camera and sign as shown. (Note: 1-3", 90 polyvinyl chloride (Schedule 80) bends).
- C. Install NEMA size "6" base-mounted cabinet and controller with video interface and all necessary equipment as shown.
- D. Install handhole.
- E. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- F. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- G. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- H. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).
- J. Install 24" white, heat applied permanent preformed thermoplastic pavement marking. (stopline)
- M. Remove existing ground mounted "Skylark Rd" sign and install ground mounted sign 475' south of MD 27 stopline on two 4"x4" wood post.
- N. Remove existing ground mounted "Skylark Rd" sign and install ground mounted sign 475' north of MD 27 stopline on two 4"x4" wood post.
- N. Install ground mounted sign 550' south of MD 27 stopline on two 4"x6" wood post.
- D. Install ground mounted sign 550' north of MD 27 stopline on two 4"x6" wood post.
- P. Install meter pedestal.
- Q. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched, with a 24" cover) for proposed underground electrical service by Allegheny Power. Note: The contractor must call Allegheny power at 301-829-7020 48 hours in advance for a trench inspection prior to backfilling.
- R. Remove stop sign from existing U-channel posts.
- S. Install 2" bend at wood pole base for Verizon service.
- T. Remove and replace macadam after the installation of the proposed conduits.

**GENERAL NOTES:**

1. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying ALL UTILITIES AGENCIES to construction and that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
2. All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections, Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
3. All pavement markings detailed are proposed and are to be installed in accordance with SHW standards. All crosswalks shall be centered on boulevard, ramps or median cut throats.



**STREET TRAFFIC STUDIES, LTD.**  
400 Crofton Hwy., NW.  
Glen Burnie, MD 21061  
Ph (410) 590-5500  
Fax (410) 590-6637

APPROVALS		REVISIONS		TRAFFIC SIGNAL PLAN			
 TEAM LEADER				SCALE 1" = 20'    DATE 10/10/97    CONTRACT NO.			
 ASST. DIVISION CHIEF				DESIGNED BY <u>R.R.Z.</u> (FOR STS)    COUNTY <u>MONTGOMERY</u>			
 DIVISION CHIEF				DRAWN BY <u>D.A. NIES</u> (FOR STS)    LOGMILE <u>15002702-17</u>			
 DEPT. DIRECTOR				CHECKED BY _____    TMS NO. <u>1498X</u>			
				F.A.P. NO. _____    TOD NO. _____			
				TS NO. 4606		DRAWING NO. 1 OF 2	
						SHEET NO. OF	

PLOTTED: \$DATETIME\$  
FILE: \$FILE\$

**GEOMETRIC LEGEND**

PROPOSED \_\_\_\_\_

EXISTING \_\_\_\_\_

**LEGEND OF UNDERGROUND  
AND OVERHEAD UTILITIES**

AERIAL CABLE	— A —	A —
ELECTRIC	— E —	E —
TELEPHONE	— T —	T —
GAS	— G —	G —
SEWER	— S —	S —
WATER	— W —	W —
CABLE TV	— TV —	TV —